Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

g 84 m-
.898
.2

Watering trough (CONTINUOUS FLOW) ...for cattle

COOPERATIVE FARM BUILDING
Plan No. 5909
(1-SHEET)
PLAN EXCHANGE

A standard concrete pipe 4 feet in diameter can be used to make a relatively low-cost and efficient watering trough for cattle. After the drain tile and water supply have been installed and fitted with couplings flush with the top of the finished floor of the trough, as shown on the reverse side of this sheet, the concrete pipe may be set in a shallow circular trench dug around the drain as the center.

After the pipe is tamped in place and the earth is graded to give the proper slope on the concrete platform around the trough, the trough bottom and the platform may be cast. Leave a ½-inch expansion joint between the concrete pipe and the platform. In the drier regions bentonite may be substituted for the concrete trough bottom.

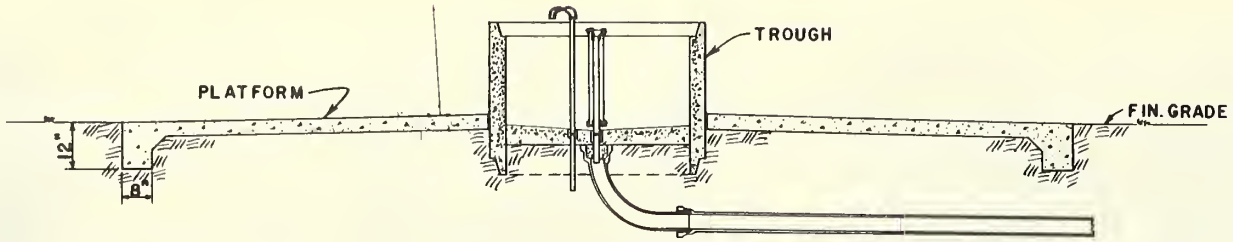
The overflow and the supply pipes are screwed into the couplings cast into the floor of the trough. The 2-inch diameter overflow pipe is protected from clogging with a 4-inch diameter protective sleeve, held in place with ⅛ x 1 inch steel brackets. The lower brackets are welded to the overflow pipe and the upper brackets to the protective sleeve so the sleeve will slip off the overflow pipe. This permits removal of the overflow with an ordinary pipe wrench.

Shade above the trough tends to encourage the cattle to loaf near the water and does little to keep the water cool. Therefore, shade does not appear to be a good investment.

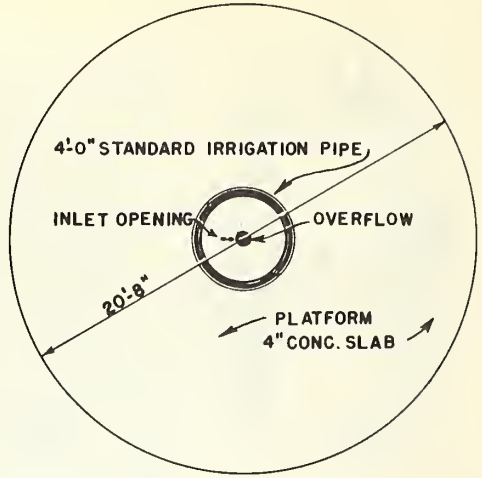
WASHINGTON, D.C. ISSUED APRIL 1962

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 898

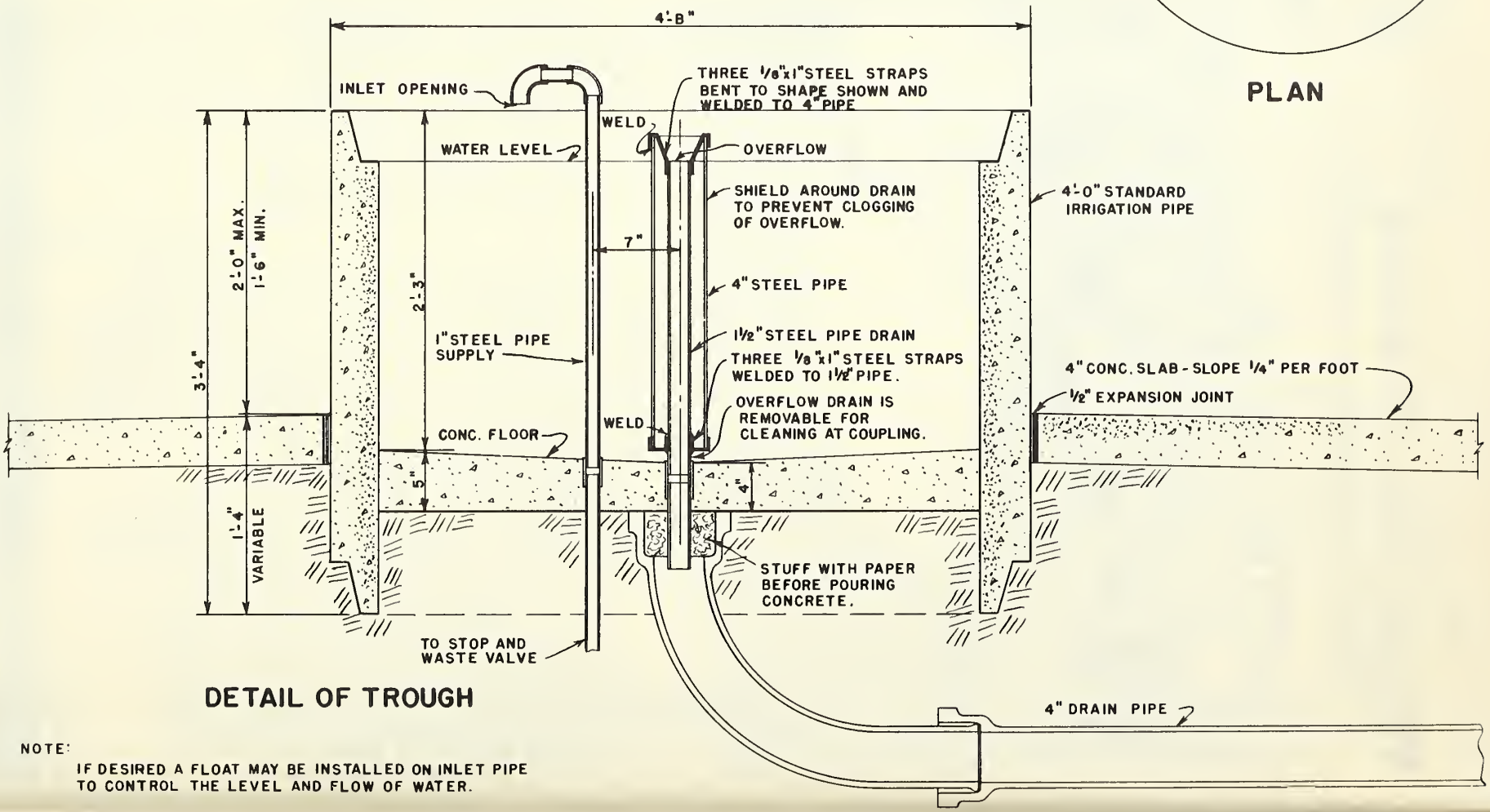
For sale by the Superintendent of Documents, U.S. Government Printing Office—Washington 25, D.C. – Price 5 cents



SECTION



PLAN



DETAIL OF TROUGH

NOTE:

IF DESIRED A FLOAT MAY BE INSTALLED ON INLET PIPE TO CONTROL THE LEVEL AND FLOW OF WATER.

U.S. GOVERNMENT PRINTING OFFICE : 1962 OF—627603